8-Port DisplayPort/USB KVM Switch with Audio/Video and USB Peripheral Sharing, 4K 60 Hz, 1U Rack-Mount

MODEL NUMBER: **B024-DPU08**

Controls up to 8 DisplayPort-enabled laptop or notebook computers using one centralized DisplayPort monitor and USB keyboard/mouse.

Features

Connects 8 DisplayPort Devices to a Single DisplayPort Monitor, Keyboard and Mouse
This rack-mount KVM switch lets you access, control, boot and reboot up to eight computers or other devices with DisplayPort connectors at the same time. In addition to desktop and notebook computers, the KVM also connects up to eight media centers, gaming systems, Blu-ray and DVD players, cable and satellite boxes, DVRs and other DisplayPort-enabled devices. All eight computers share one DisplayPort and/or HDMI monitor, USB keyboard and USB mouse, which saves space on your desk or workspace.

Connect up to 128 Computers to One Original Console
You can also cascade two levels of B024-DPU08 KVM switches, allowing centralized access to as many as 128 computers using a single monitor, keyboard and mouse.

Switching Between Computers Is Fast and Easy
Use the front-panel pushbuttons, RS-232 commands, hotkeys or multi-lingual On-Screen Display (OSD) with text-based interface for quick and easy toggling between computers. Or you can use Auto Scan mode to scan all connected computers in five-second intervals automatically. Orange LEDs indicate which computer is currently selected.

Cables Are Included for Fast and Simple Setup
Connect your DisplayPort and/or HDMI monitor, keyboard, mouse, and (optional) speakers to the KVM's console ports. Then, use the included DisplayPort and USB cables to connect your computers to the KVM. The plug-and-play B024-DPU08 requires no software, so you can connect and use it immediately. It works with all major operating systems, including Windows, macOS, Sun and Linux.

USB Hub Lets You Share Peripherals between Computers
The built-in dual-port USB 3.1 Gen 1 hub allows you to share USB peripherals, such as printers, hard drives, scanners, webcams and flash drives, between all connected computers. Because the USB ports operate independently, you can print documents from one computer while working on a different computer. The hub is backward compatible with earlier USB generations. LEDs indicate which computer is using the connected USB device.

Highlights

- Supports true 4K resolutions up to 4096 x 2160 @ 60 Hz with HD audio
- Cascade up to 2 levels to control as many as 128 computers from a single console
- Built-in 2-port USB 3.1 hub lets you share USB peripherals among connected computers
- Pushbuttons, hotkeys and on-screen display allow easy toggling between computers
- Firmware-upgradable KVM works with Windows, Mac, Sun and Linux operating systems

Applications

- Share the keyboard, mouse and DisplayPort screen of a laptop or notebook computer with multiple computers
- Connect up to 8 gaming consoles, media centers and other A/V devices for a home theater system with 4K resolution
- Save money and space by sharing USB peripherals, such as a printer and external hard drive, among all connected computers
- Control up to 128 computers by cascading the B024-DPU08

System Requirements

- Console with DisplayPort and/or HDMI monitor, USB keyboard/mouse and (optional) speakers with 3.5 mm connectors
- Computer with DisplayPort, USB-A and (optional) 3.5 mm audio ports
- Windows, macOS, Sun or Linux operating system

Package Includes

- B024-DPU08 8-Port DisplayPort/USB KVM Switch
- (2) DisplayPort 1.4 cables, 5 ft. (1.5 m)
- (2) USB 3.0 A-to-B cables, 6 ft. (1.8 m)
- (2) 3.5 mm audio cables, 6 ft.

Transmits Crystal-Clear 4K Video and High-Definition Audio
The B024-DPU08 supports true 4K video (4096 x 2160) at 60 Hz and 2.1-channel surround sound with full bass response. With independent audio switching, you can listen to music or other audio from one computer while working on a different computer. The front-panel audio jacks have priority over the rear-panel jacks.

Stack Units to Expand Your Workstation and Enhance Your Productivity
Stack as many as eight B024-DPU08 KVM switches on a level surface to take advantage of multi-display mode. Depending on the number of stages in your stack, your installation may offer dual-display, triple-display, quad-display or multi-display scenarios, up to eight stages.

Designed for Convenient Mounting with Included Hardware
The heavy-duty metal housing comes with mounting hardware for 1U installation in an EIA-standard 19-inch rack. It also allows desktop deployment on included rubber feet that help prevent the unit from sliding. The included power supply comes with a detachable C13-to-C14 cord.

- Firmware upgrade cable, 6 ft.
- External power supply (Input: 100–240V, 50/60 Hz; Output: 12V 3.3A) with detachable C13-to-C14 cord, 4 ft. (1.2 m)
- (4) Rubber feet
- Rack-mounting hardware
- Quick Start Guide

Specifications

OVERVIEW	
UPC Code	037332263728
Technology	DisplayPort; Stereo Audio; USB 2.0 (High Speed)

VIDEO	
Max Supported Video Resolution	4K @ 60Hz (4096 x 2160)
Max Number of Ports (Entire Chain)	128

AUDIO	
Audio Specification	Stereo

POWER	
External Power Supply Input Specs (V / Hz / A)	100-250V, 50/60Hz, 1.2A
External Power Supply Output Specs (V / A)	12V 3.33A
External Power Supply Cord Length (ft.)	3.93
External Power Supply Cord Length (m.)	1.2
DC Barrel Plug	OD: 5.5 x 2.5 x 9.5mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	18.44
External Power Supply Plug(s)	IEC-320-C14

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Orange (x8) - On Line/Selected Port, Green (x1) - Power, Green (x8) - USB Link

PHYSICAL

Material of Construction	Metal
Color	Black
Rackmountable	Yes
Shipping Dimensions (hwd / cm)	13.31 x 49.91 x 32.41
Shipping Dimensions (hwd / in.)	5.24 x 19.65 x 12.76
Shipping Weight (kg)	4.79
Shipping Weight (lbs.)	10.56
Unit Dimensions (hwd / in.)	17.02 x 8.44 x 1.73
Unit Dimensions (hwd / cm)	43.24 x 21.43 x 4.40
Unit Packaging Type	Box
Unit Weight (lbs.)	6.85
Unit Weight (kg)	3.11

ENVIRONMENTAL

Operating Temperature Range	32 to 104 F (0 to 40 C)
Storage Temperature Range	-4 to 140 F (-20 to 60 C)
Relative Humidity	0 to 80% RH, Non-Condensing
BTUs	136

COMMUNICATIONS

IP Remote Access	No

CONNECTIONS

Number of Ports	8
PC/Server Connections	DisplayPort
Side A - Connector 1	DISPLAYPORT (FEMALE)
Side A - Connector 2	(2) USB A (FEMALE)
Side A - Connector 3	3.5MM (FEMALE)
Side B - Connector 1	(8) DISPLAYPORT (FEMALE)
Side B - Connector 2	(8) USB B (FEMALE)
Side B - Connector 3	(8) 3.5MM (FEMALE)
Computer Keyboard and Mouse Interface	USB
Computer Monitor Interface	Displayport
Console Keyboard and Mouse Interface	USB

Console Monitor Interface	Displayport
Connector Plating	Nickel

PORT EXPANSION	
Daisy-chainable or Cascadable	Cascadeable

FEATURES & SPECIFICATIONS	
Number of Users	1
NIAP-Certified Secure	No
On-Screen Display (OSD)	Yes
Port Selection	Hotkey; OSD; Pushbutton; Remote Selector
Displayport Specification	1.2
HDCP Specification	2.2
Driver Required	No
Cat5 KVM Switch	No

STANDARDS & COMPLIANCE	
External Power Supply Certifications	CCC; CE; FCC; GS; PSE; RoHS; TUV; UL; WEEE; cUL
Product Certifications	NOM (Mexico)
Product Compliance	RoHS; CE (Europe); REACH; WEEE; FCC (USA)

WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty